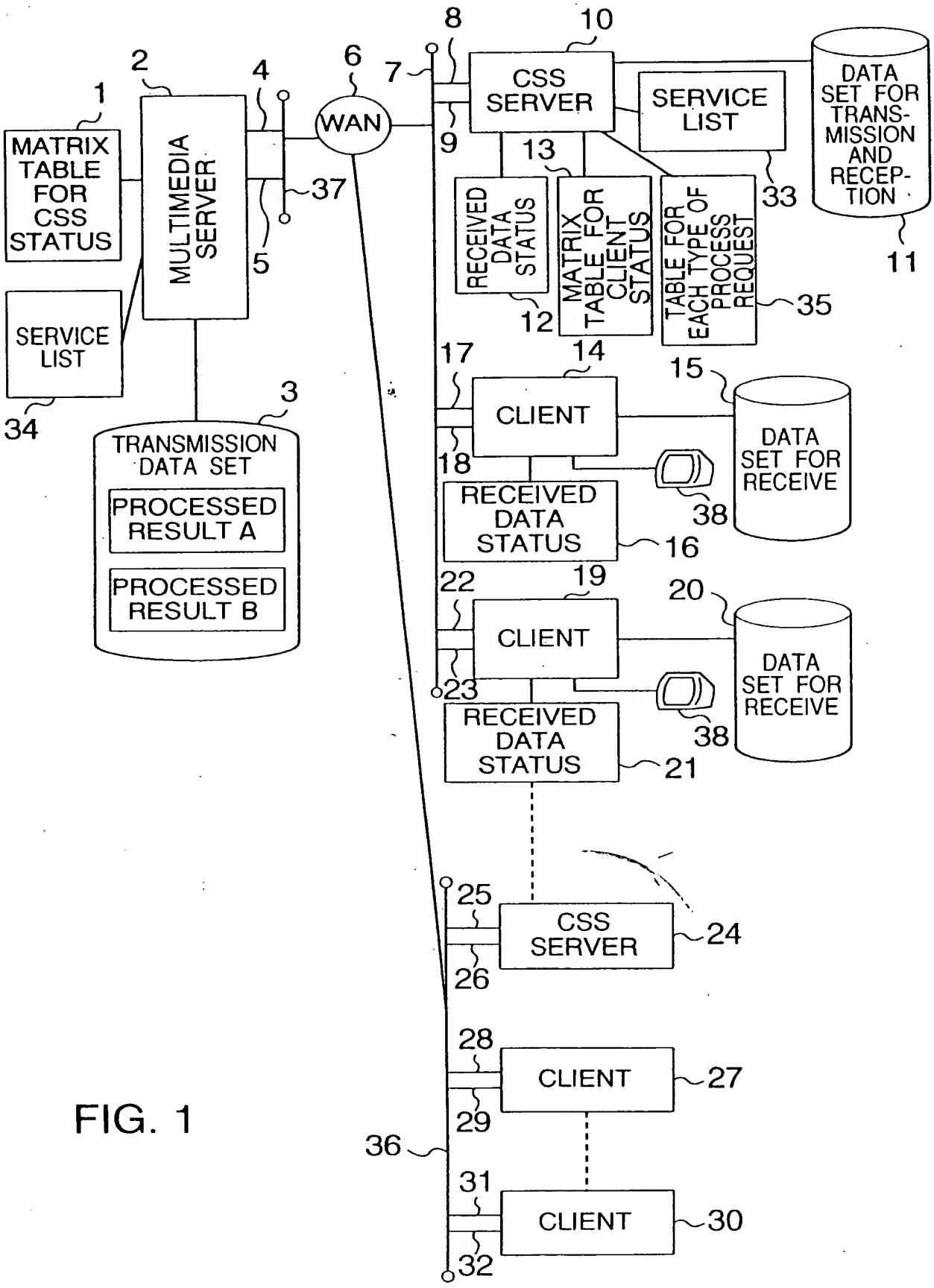
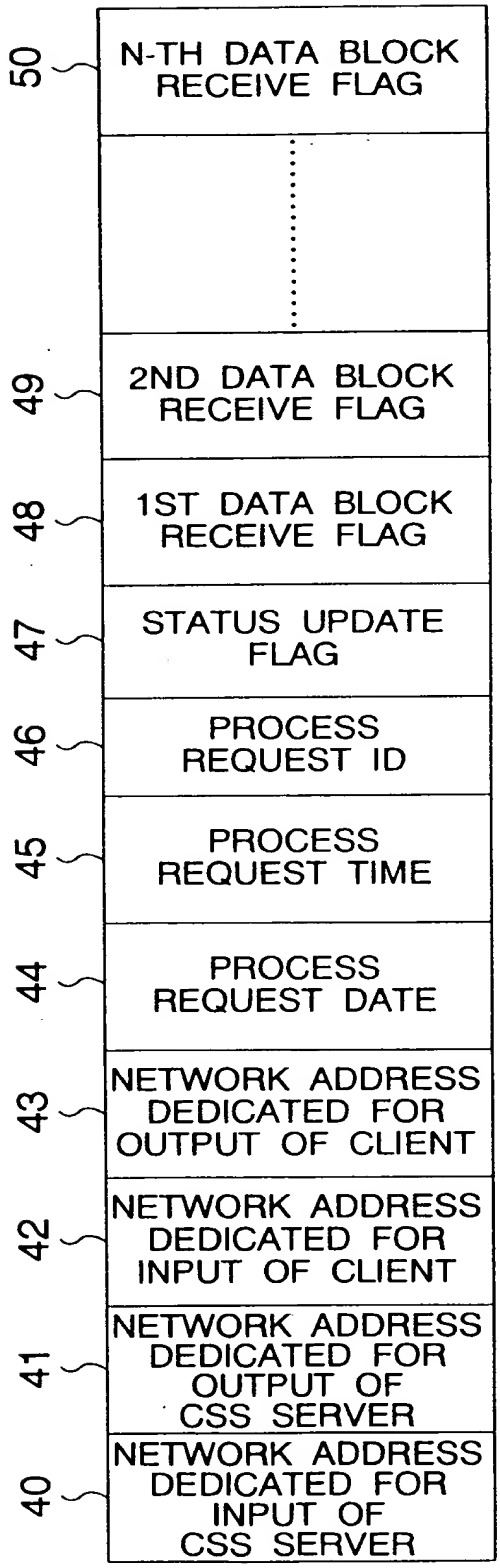


FIG. 1

09695554 - 092400

FIG. 2

RECEIVED DATA STATUS (CLIENT SIDE)



09665554 - 092400

0054504 4556950

FIG. 3

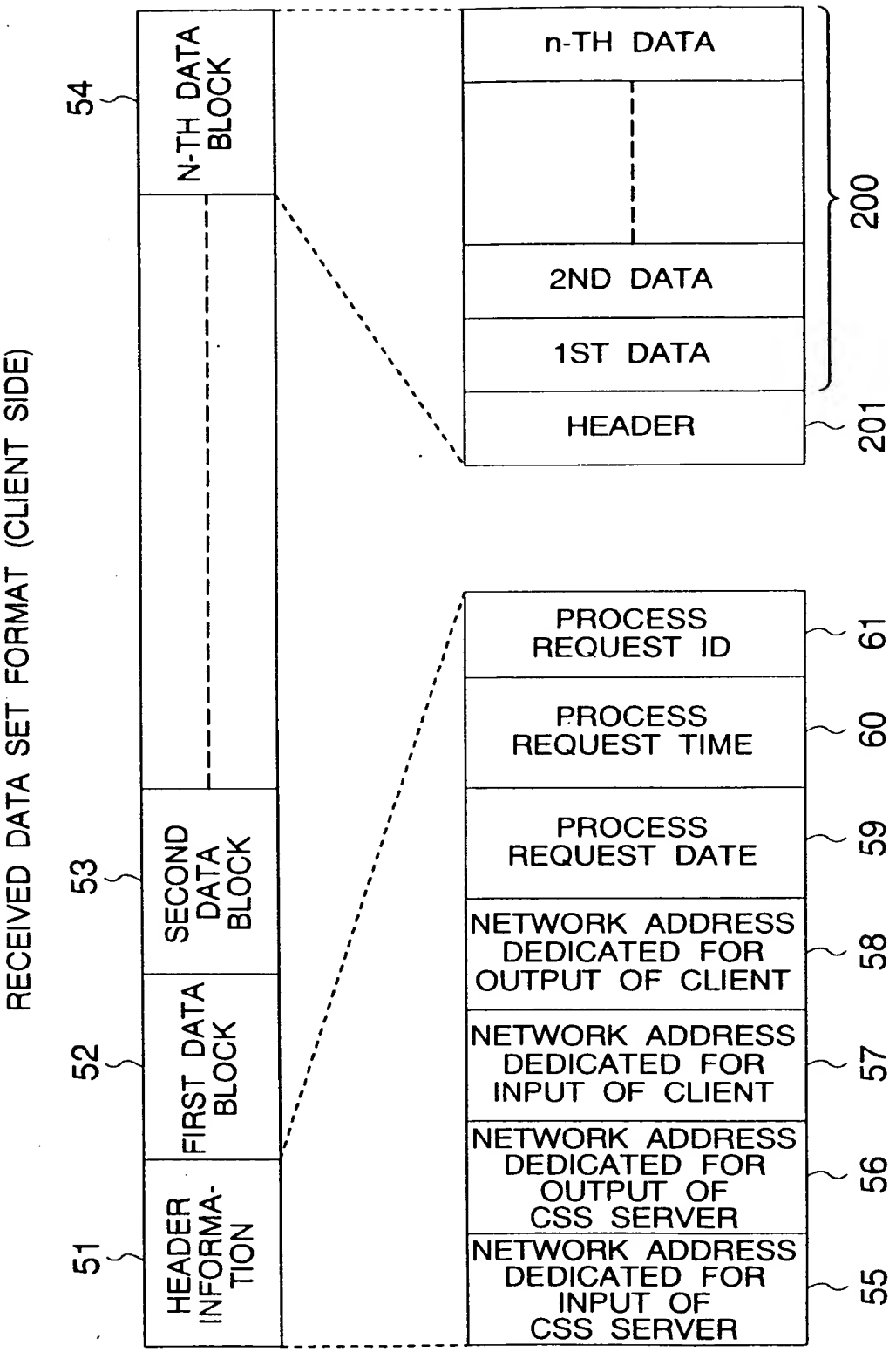


FIG. 4

TABLE FOR EACH TYPE OF PROCESS REQUEST

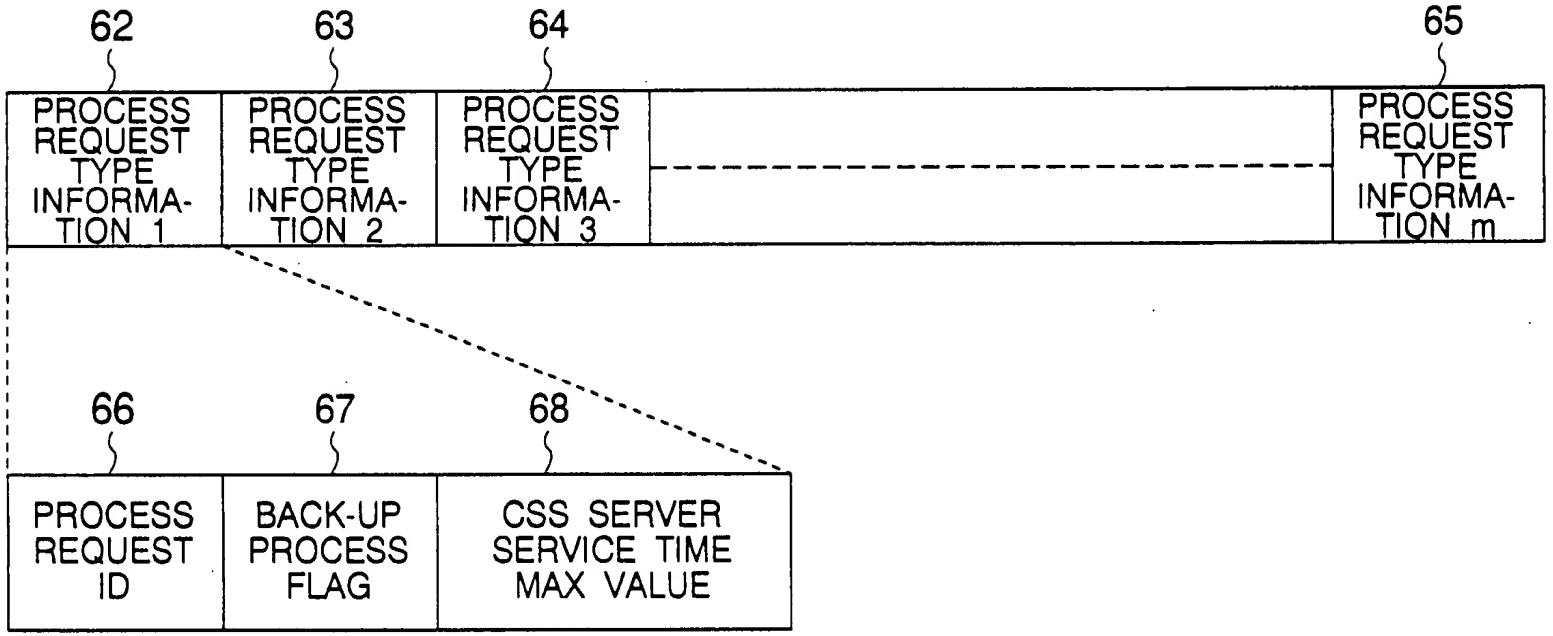


FIG. 5

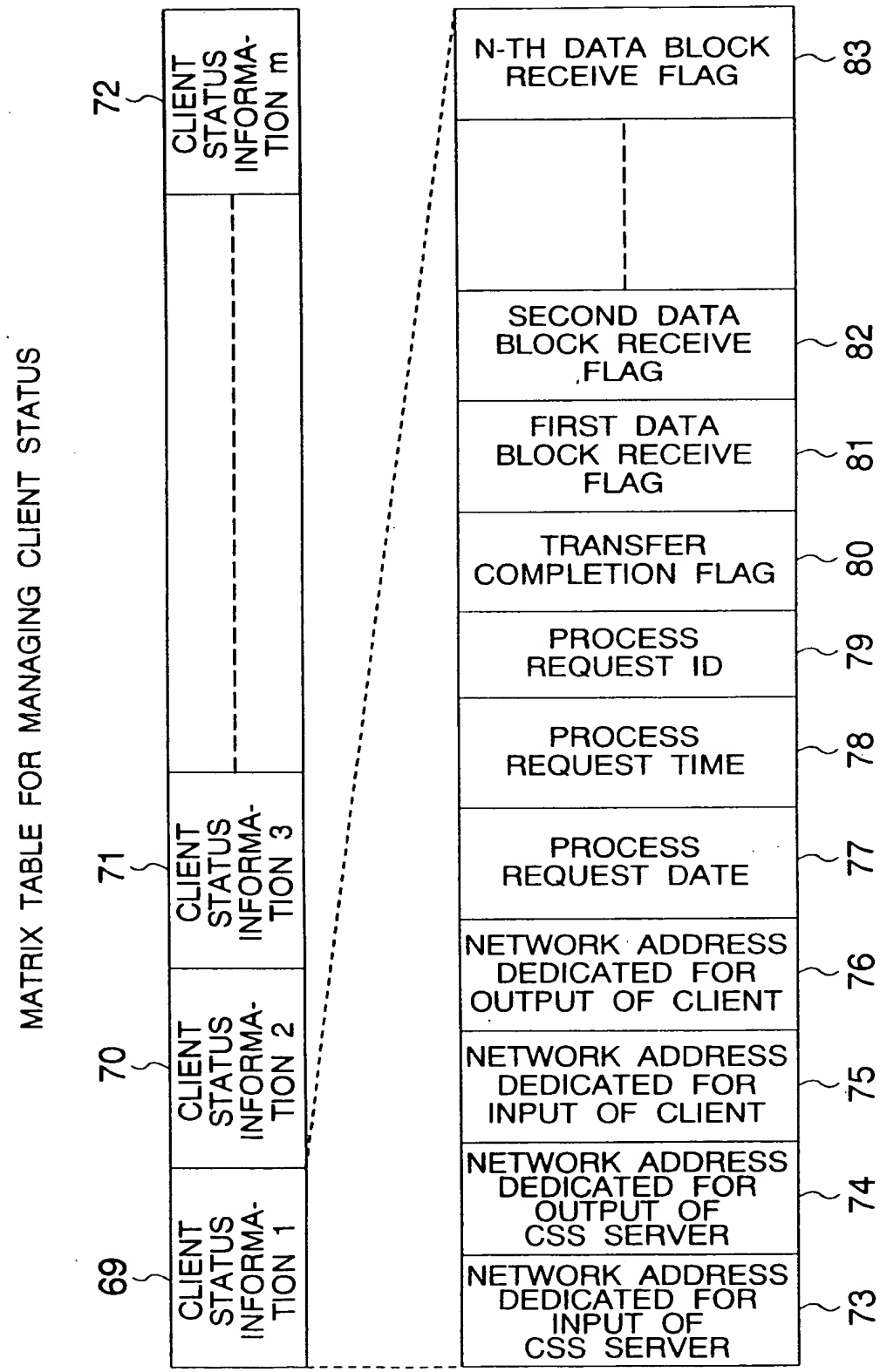

MATRIX TABLE FOR MANAGING CLIENT STATUS
CLIENT STATUS INFORMATION 1
CLIENT STATUS INFORMATION 2
CLIENT STATUS INFORMATION 3
CLIENT STATUS INFORMATION m
69
70
71
72
NETWORK ADDRESS DEDICATED FOR INPUT OF CSS SERVER
NETWORK ADDRESS DEDICATED FOR OUTPUT OF CSS SERVER
NETWORK ADDRESS DEDICATED FOR INPUT OF CLIENT
NETWORK ADDRESS DEDICATED FOR OUTPUT OF CLIENT
PROCESS REQUEST DATE
PROCESS REQUEST TIME
PROCESS REQUEST ID
TRANSFER COMPLETION FLAG
FIRST DATA BLOCK RECEIVE FLAG
SECOND DATA BLOCK RECEIVE FLAG
N-TH DATA BLOCK RECEIVE FLAG
73
74
75
76
77
78
79
80
81
82
83

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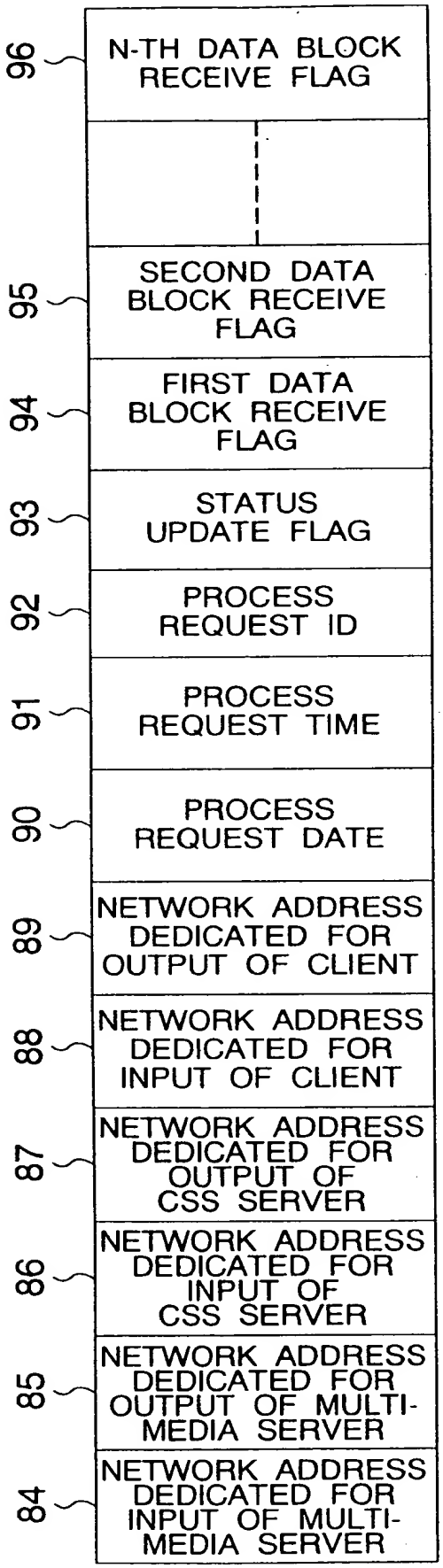
FIG. 6

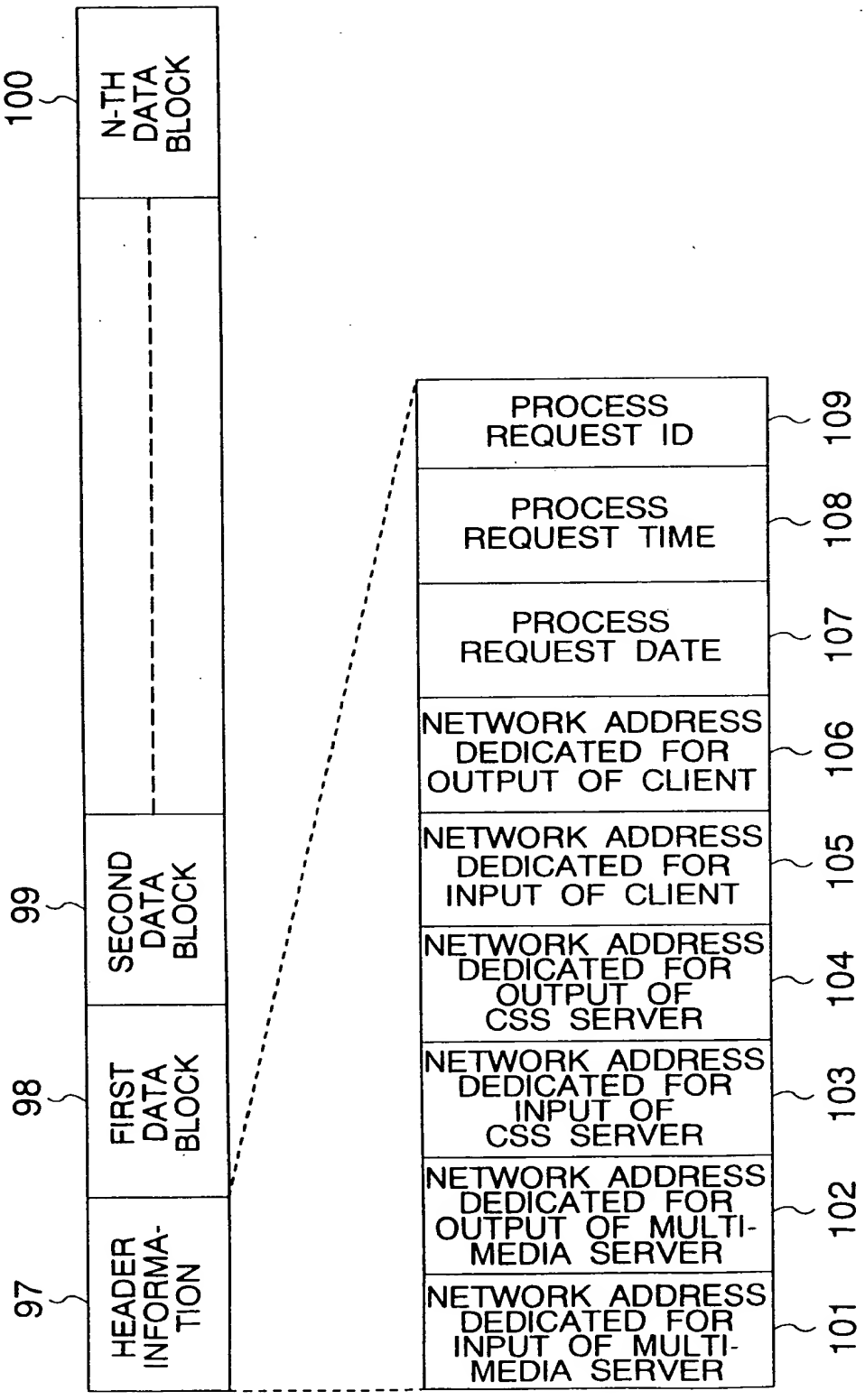
RECEIVED DATA STATUS (CSS SERVER SIDE)



0962954 - 0962954

FIG. 7

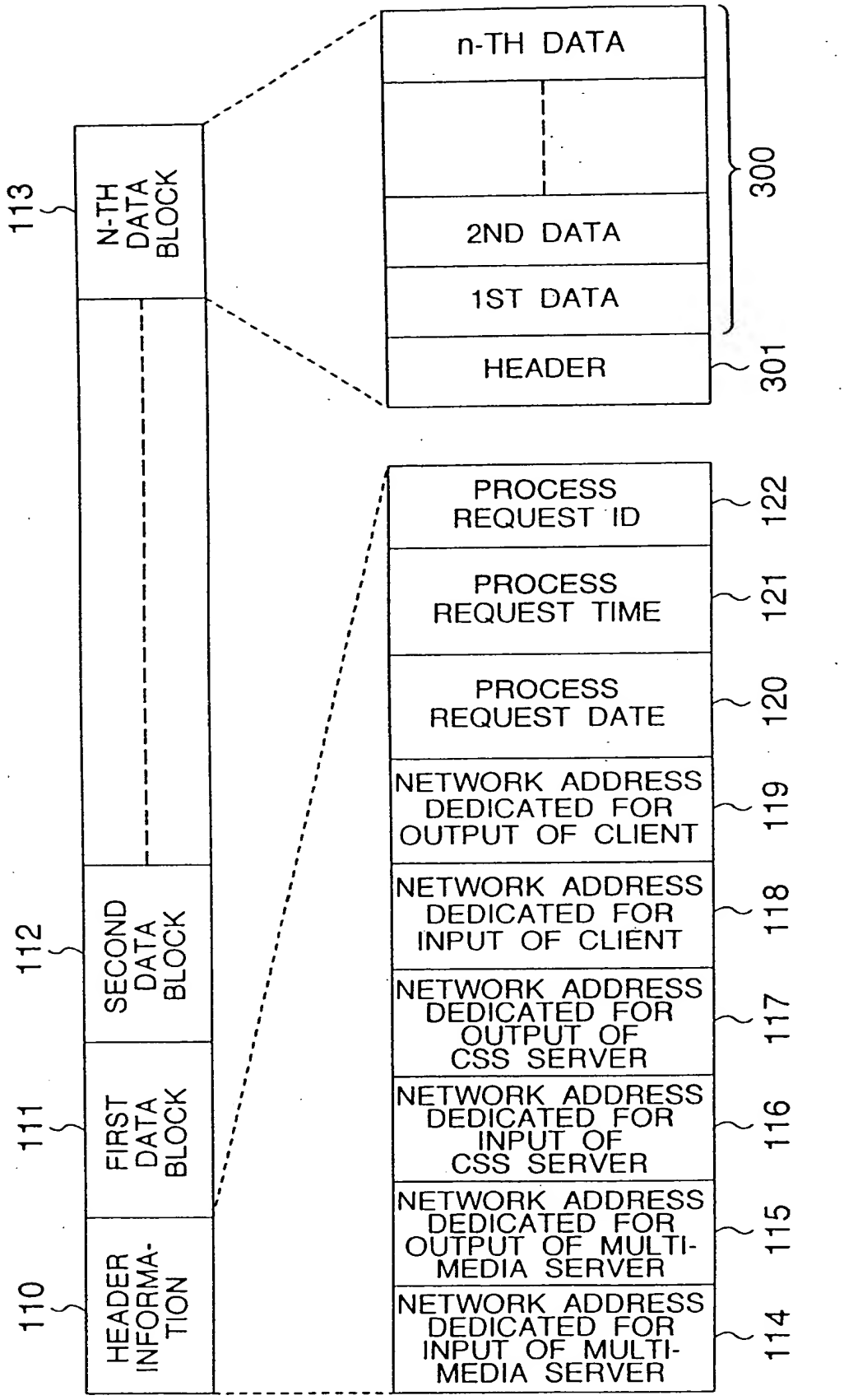
DATA SET FORMAT FOR TRANSMISSION AND RECEIVE
(CSS SERVER SIDE)



0076260 "45959650

FIG. 8

DATA SET FORMAT FOR TRANSMISSION
(MULTIMEDIA SERVER SIDE)



0012250 "55960

FIG. 9

MATRIX TABLE FOR MANAGING CSS STATUS
(MULTIMEDIA SERVER SIDE)

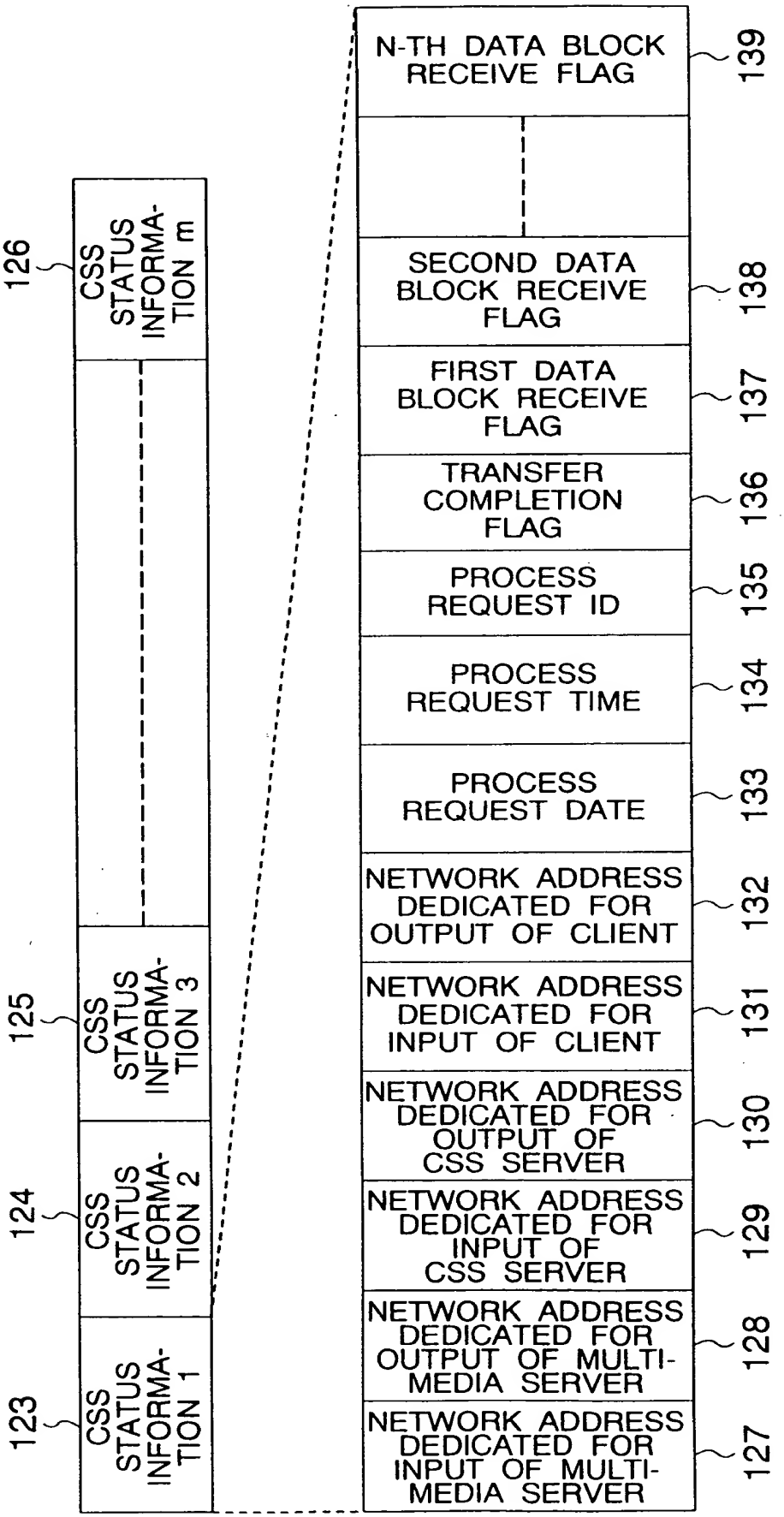


FIG. 10

SERVICE LIST (CSS SERVER SIDE)

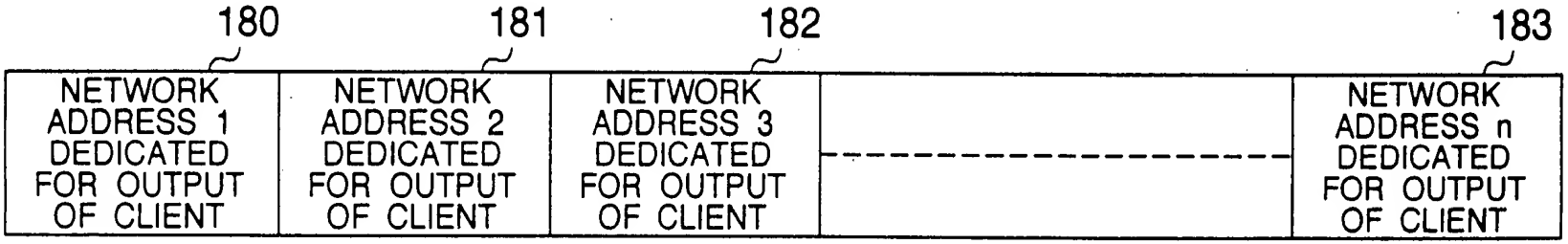
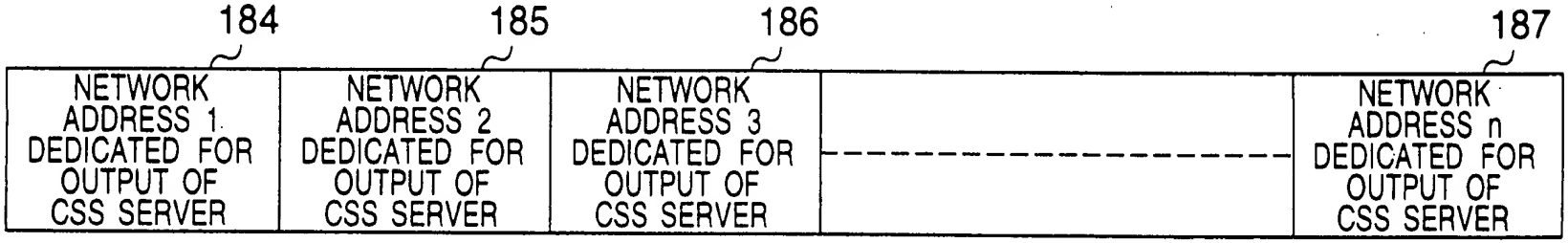


FIG. 11

SERVICE LIST (MULTIMEDIA SERVER SIDE)



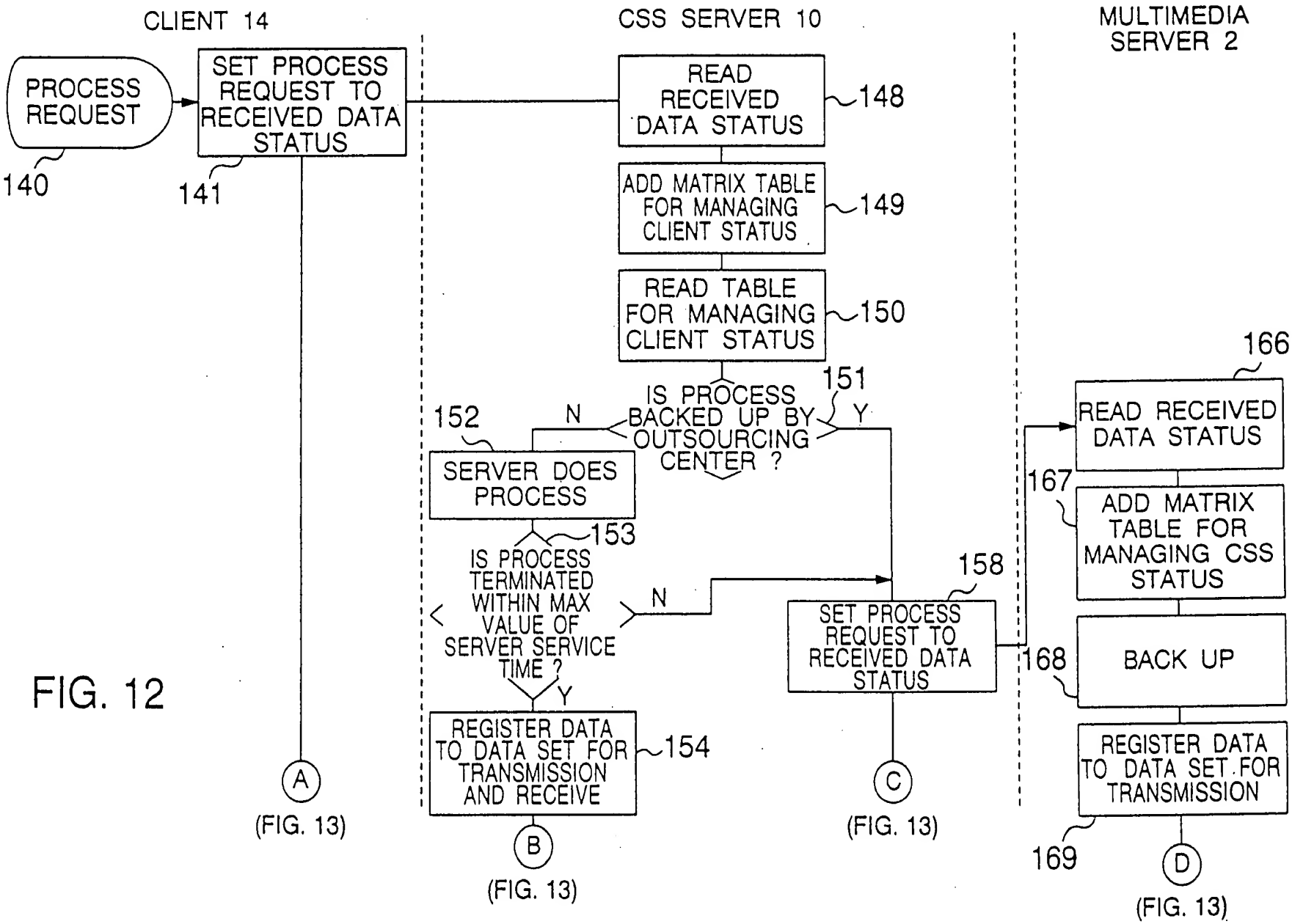
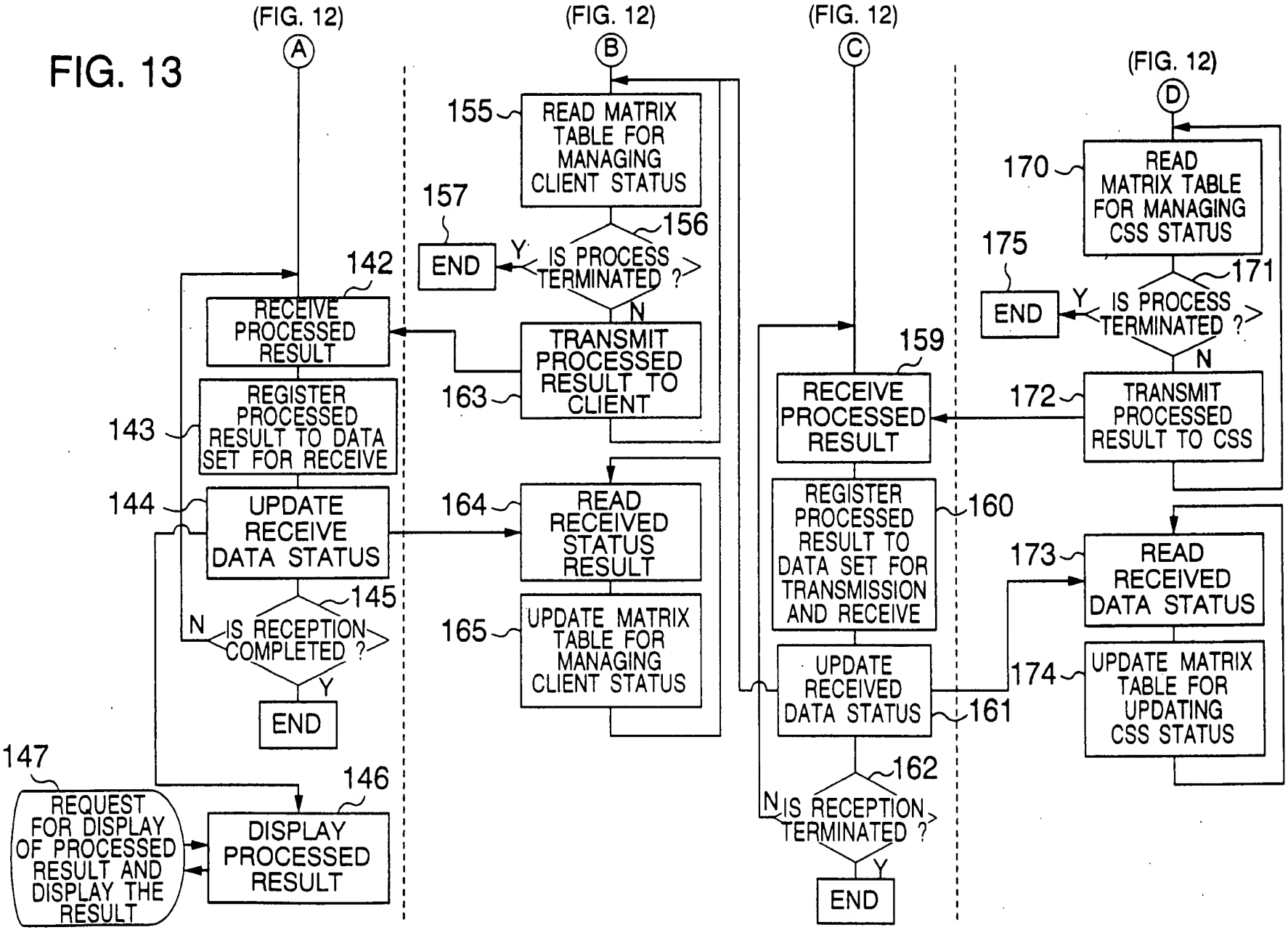

CLIENT 14
CSS SERVER 10
MULTIMEDIA SERVER 2
PROCESS REQUEST
140
SET PROCESS REQUEST TO RECEIVED DATA STATUS
141
READ RECEIVED DATA STATUS
148
ADD MATRIX TABLE FOR MANAGING CLIENT STATUS
149
READ TABLE FOR MANAGING CLIENT STATUS
150
IS PROCESS BACKED UP BY OUTSOURCING CENTER ?
151
N
Y
152
SERVER DOES PROCESS
153
IS PROCESS TERMINATED WITHIN MAX VALUE OF SERVER SERVICE TIME ?
N
Y
158
SET PROCESS REQUEST TO RECEIVED DATA STATUS
REGISTER DATA TO DATA SET FOR TRANSMISSION AND RECEIVE
154
A
(FIG. 13)
B
(FIG. 13)
C
(FIG. 13)
166
READ RECEIVED DATA STATUS
167
ADD MATRIX TABLE FOR MANAGING CSS STATUS
168
BACK UP
REGISTER DATA TO DATA SET FOR TRANSMISSION
169
D
(FIG. 13)

FIG. 12

FIG. 13


(FIG. 12)
A
(FIG. 12)
B
(FIG. 12)
C
(FIG. 12)
D
142
RECEIVE PROCESSED RESULT
143
REGISTER PROCESSED RESULT TO DATA SET FOR RECEIVE
144
UPDATE RECEIVE DATA STATUS
145
IS RECEPTION COMPLETED ?
N
Y
END
147
REQUEST FOR DISPLAY OF PROCESSED RESULT AND DISPLAY THE RESULT
146
DISPLAY PROCESSED RESULT
155
READ MATRIX TABLE FOR MANAGING CLIENT STATUS
156
IS PROCESS TERMINATED ?
Y
157
END
N
163
TRANSMIT PROCESSED RESULT TO CLIENT
164
READ RECEIVED STATUS RESULT
165
UPDATE MATRIX TABLE FOR MANAGING CLIENT STATUS
159
RECEIVE PROCESSED RESULT
160
REGISTER PROCESSED RESULT TO DATA SET FOR TRANSMISSION AND RECEIVE
161
UPDATE RECEIVED DATA STATUS
162
IS RECEPTION TERMINATED ?
N
Y
END
170
READ MATRIX TABLE FOR MANAGING CSS STATUS
171
IS PROCESS TERMINATED ?
Y
175
END
N
172
TRANSMIT PROCESSED RESULT TO CSS
173
READ RECEIVED DATA STATUS
174
UPDATE MATRIX TABLE FOR UPDATING CSS STATUS